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PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. M61.12-0522

First Inventor or Application Identifier James G. Droppo et al.

Title METHOD OF NOISE REDUCTION USING
INSTANTANEOUS SIGNAL-TO-NOISE RATIO AS THE
PRINCIPAL QUANTITY FOR OPTIMAL ESTIMATION

Express Mail Label No. EV17801951SUS

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-14501. ☒ *Fee Transmittal Form e.g., PTO/SB17)
(Submit an original and a duplicate for fee processing)2. ☐ Applicant Claims small entity status3. ☒ Specification [Total Sheets 29]
(preferred arrangement set forth below)
- Descriptive title of the Invention)
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 5]

5. Oath or Declaration [Total Sheets 2]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or
Computer program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 Copies); or
ii. ☐ Paper
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO – 1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request Under 35 USC 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent
17. ☒ Other: Checks in the amount of \$804.00 & \$40.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an
Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation –in part (CIP)

of prior application No: /

Prior application information:

Examiner

Group/Art Unit:

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**17. CORRESPONDENCE**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

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Registration No. (Attorney/Agent)

39,758

Signature

Theodore M. Magee

Date

8/19/03

FEE TRANSMITTAL		Complete if Known																																																																																													
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		Filing Date	August 19, 2003																																																																																												
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1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A. 2. <input checked="" type="checkbox"/> Check Enclosed		3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Code</th> <th>Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>2052</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>1053</td> <td>1053</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>2,520</td> <td>For Filing a Request for Reexamination. (ex parte)</td> <td></td> </tr> <tr> <td>1251</td> <td>2251</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>2252</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>2253</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>2254</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2255</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1402</td> <td>2402</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>2403</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1814</td> <td>2814</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>1452</td> <td>2452</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>2453</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>2501</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1502</td> <td>2502</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>1460</td> <td>1460</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>1807</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>1806</td> <td>1806</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>8021</td> <td>8021</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td colspan="4">Other Fee (specify) _____</td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Code	Code			1051	2051	Surcharge - Late filing fee or oath		1052	2052	Surcharge - Late provisional Filing Fee or cover sheet		1053	1053	Non-English specification		1812	2,520	For Filing a Request for Reexamination. (ex parte)		1251	2251	Extension for reply within first month		1252	2252	Extension for reply within second month		1253	2253	Extension for reply within third month		1254	2254	Extension for reply within fourth month		1255	2255	Extension for reply within fifth month		1402	2402	Filing a brief in support of an appeal		1403	2403	Request for oral hearing		1814	2814	Terminal Disclaimer Fee		1452	2452	Petition to Revive - unavoidable		1453	2453	Petition to Revive - unintentional		1501	2501	Utility/Reissue issue fee (inc. advance copies)		1502	2502	Design issue fee (inc. advance copies)		1460	1460	Petitions to the Commissioner		1807	1807	Petitions related to provisional applications		1806	1806	Submission of Information Disclosure Statement		8021	8021	Recording each patent assignment per property (times number of properties)		Other Fee (specify) _____			
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Signature Theodore M. Magee
 Date 8-19-03

Reg. No. 39,758

Deposit Account No. 23-1123